4LL 17846 DIM I#(1) # PRINT "INSTRUCTIONS? (Y. .. SOSUB ASSO DIM 3 (28.3) a PRINT "JUST A MOMENT WHILE RAH CHIPS, ": PRINT : PRINT GOSUR FOR J-1 TO 78 NEW . MEXT &: NEXT JO DATA 2,5,8,1,3,10,2,4,12,3,5,14,1,4,6 .9.8.10.18.2.9,11P DATA 10,12,19,3,11,13,12,14,26,4,13,15 :0,7,16,18,9,17,19,11,18,29,13,16,19 DIN L(6)@ DIN N(6)@ FL (298 RND (8)+1) 'M(J)=L(J)p NEXT J NEXT FOR J=1 TO 5 FOR K=4 338 IF L(J) =L(K) THEN 2498 NEXT KB NEXT J'R=508=L(1) NEXT PR. * GOSUB 11000 GOSUB 1290P IF D*1 THE HEN 5186 GDSUB 1378 GDSUB IF F=8 THEN 428 NEXT GDT0 538 GDSUB 18 N 4288 IF FOR THEN SAMP PRINT "DUMNY, YOU LOSE -WUMPII JUST LOVE AND SDEED PRINT TOLE, HOTSHOT, THE BUMPIT WILL SET THEIR SEVENCE T "WUMPII SPIRITS WILL HAUMT YOU UNTIL THEN..." FOR J=1 TO 6L(J)=0 PRINT "SAME SET UP" (Y-N)"S INPUT TAP TE TACH"Y" THEN DAS' BOTO SAM T "WELCOME TO "HINT "HE WIMPING!" NEXT PRINT "HE WIMPING LIVES IN A ENTY ROOMS - EACH M HAS 3 TUNNELS LEADING . " OTHER" PRINT "ROOM ON TO SEE HOW THIS WORKS. YOU DON'T KNOW WE F A DUODECA-THERE ARE TWO OF THESE, F TO DIE OWN IK BOMEONE. "4 GOSLB 2220: PRI. SOT U CHEMA B:BAT G. U TO SOME OTHER ROOM AT DAND SUB PRINT - GIBLESON SUB COMM: PRINT : PRINT PRINT ! PRINT "THE o teen my E REZERDS ONE HAS SUCKER FEET A 'O BIS FOR E PRINT "USUALLY HE IS ASLEEP. THO THINGS WANT HIM UP, Baris ROOM OR SHOOTING AN ARROW P PRINT "IF THE & MPUS WAKE ") ONE ROOM, OR STAYS MHEREHE IS (F-.25). AFTERTH , IF HEIS THE EATS YOU UP (AND YOU LOSE!). "HEXT GOSUB 221 PRINT MERTAT "EACH TURN YOU MAY MOVE OR SHOOT A GROOM S. MOV ROOM (THROUGH ONE TUNNEL." Ø PRINT DEN YOU REN OUT YOU LORE. OH ARROW LAW EVEN YOU RUN DUT YOU LOSE. GNE TO WIRINT : PRINT : GOSUB 22. LING TH THE GRISON CA TES YOU WANT THE ARRON TO GO. P PRIN & TURNELI IT MOVES AT RANDOM ... THE NEXT IF THE P P NIMPUS. " WIN" NEXT PRINT " IF THE ARR S YOU, Y SINT "WASNINGS" PRINT "WHEN YOU ARE COM AWAY HE COMPUTER SAYS: "# PRINT "WUMP (SMELL 4 EARBY: "P PRINT "PIT--" | FEEL A DRAFT RINT : PE 3=2 TO 6 FOR 10=1 TO 3# TF B(L(1).* (3) THEN 1 Thus, 1176. THEN 1198: IF J=4 THEN 1198' IF J=2 A MUMPUS" GOSUB GOTO 1228 NEXT F "I FEEL A I 1228 PRINT "BA EARBY!" NEXT KI NEXT JO FRINT "Y' E IN ROOM " "TUNNELS LEAD TO (S(Q.1), S(Q.2), S(Q.3) " PRINT p R" * NEXT IMPO 455"M" THEN 12 MOVE (9-M)", IN IF INC." B" THEN 1348 O=18 RETURN 9 IN a REM ARROW ROUTING GOSUB F40 DIM P(S) INFU JUMBER OF ROOMS F J9(1 THEN 1416: IF J9)5 THEN 14169 FOR K-1 TG / INPUT "ROOM W",F
THEN 1518 GOSUB IF P(K)()P(K-2) THEN 1518 NE PRINT "ARROWS ARE SIC-BE REALISTIC." GOTO 1450 NEXT K00=L(1)@ -OR K=1 TO J9P FOR K1= 2,K1)=P(k) THEN 17280 NEXT K1 NEXT 0=S(D. INT (3* RND (8)+1)) BDTD "RINT "MISSED" SOME (1) P GOSUB 10180 REM A-A-1 SOSUB IF A>Ø THEN : RETURN D=P(K) # IF Q(NL(2) THEN 177## PRINT "AHA" YOU GOT THE WUR "USN o IF 00/L(1) THEN 1610 GOSUB FRINT "DUCK!!! ARROW GOT YOU."

"*11" MEXT I'S RETURN "P END

IM-1 MILLION

Well here is almost the end of another year and we here at the club hope that everything has been going self with everything has been going self with everythody out there. We have had a lot of fun doing-the-letter, this year plan or continuing neet year with the new [EDING] Georgia and Busan BMEER, if you have not sent in your "PROBAGI" FORM For next your you had bottom herry because by the time you could this you

IMPORTANT MESSAGE

Next north (November) we will combine the November and Decomber issue and eall it out around the second week of November. Our armany reason for doing this is to try and avoid the Dirizhaus rush, the BLK rate naterial would be the last to move and it would greatly delay getting it. Hope this dows not cause any prediens with anybody out there.

From Thomas Fairbairn

Thomas has sent in a set of the glams for converting the IM-1 to be used with a country. Because of the Lifffaldly of granting the crawings we will have it available through the CLUB. Due to the cost of printing it will cost #22.4890, this includes postage.

From Bill Bowman

Bill is concerned about the CLUB changes that will occur on the First of Jenury, sell let to ensure you that we are not going to leave the CLUB we are just changing the way things will as done. We will still be here helping Beorge and Jusan to improve the ID-1 in a NILLION. We will still be offering the servicing for the IT-1 and a be find any one hardware the will let everybody

- Q? is there a program available that would be a close substiture for APF's Checkbook/Budget Mgr that can be used with the disc?
- A. A couple of month's ago we published a LEDGER program which can be proposed to do this if you are interested, right now that is the pally thing I have. This would be a great time to put out the call to the members out there that have modified the TAPE programs to allow upon of the DIEC drive. If they would send then up to the CLUB I as sure they could be could also
- 07 In line 3188 of the ANIMALS program there is no line 5848 for it to 5010 000
- A. You found one of our BOBO's, just change 3848 to 3888 on line 3188.

October 1901

Her folic out there we have had a very interesting letter from Thomas Fairbairo. He tells us that he is working on LOADABLE language card and would be interested to know how many of the members would be INTERESTED? Let us know and we will pass it along. Here is what he is trying to do, it will be a loadable RAM card which takes the place of the BASIC INTERPERTER and would allow you to load a special LANSUAGE from the cassette. Initially it would come with the regular BASIC on cassette with other Systems available later.

LET US KNOW WHAT YOU THINK!

```
PRINT "YERE IS A BOOD PROGRAM SUBMITTED BY JIM CLATFELTER"
```

PRINT "WITH IT YOU CAN SEE HOW TO CHANGE STRINGS WITH IN YOUR" 2 PRINT "PROGRAM. THANKS JIM" PRINT "HIT METURN TO CONTINUE": INPUT Z

5 FOR 1-0 10 15: PRINT : NEXT : REM CLEAR SCREEN 10 FORE 48960.2: PORE 46961.8: REN HONE CURSON 15 DIM TEXTS(0,01), NUCLE(1,01), BAD\$(1,01), NEW\$(1,01)

22 PRINT "ENTER ONE LINE OF TEXT MAXIMUM": PRINT : INPUT TEXTO(8,0): FRINT :T= LEN (TEXTS(0,0))

INFUT "DELETE", BODG (8,8): PRINT :B= LEN (BADG (8,8)) INPUT "INSERT", NEW# (8, 8): PRINT :N= LEN (NEW! (8,8)) TS PRINT : PRINT SPC (16-1/2):TEXT\$(6.6): PRINT : BEN CENTERS TEXTS

45 FOR I=T-P TO 8 STEP -(:TEXTS:1.1+B)="=: IF TEXT\$(1.1)=BALT(8.8) THEN J=I:I=8 SU NEXT : REM FINDS BADS IN TEXTS, BEBINS SEARCH WITH LAST CHARACTER IN T

IF BADE(0,0) TEXT\$(1,3) THEN TEXT\$(0,3) NEWS(0,0):TEXT\$(0,3+N) TEXT\$(3,3+8): AF T= LEN (TEXTS(F.F)): REM NEN LEN

PRINT SPC (16-T/2); TEXT#(0,8): REM CENTERS NEW TEXT# 76 PRINT & PRINT 75 REM WITH THIS PROGRAM YOU DAN DELETE AND/OR INSERT CHARACTERS Bil BEH TEXT#(2,0) IS NOT USED; IT IS NEEDED TO HOLD EXTRA CHARACTERS FORCED I

NTO IT FROM TEXT# (1,8) IN LODP ON LINE 45

CALL 17846 PAINT "HERE IS A PROGRAM SURMITTED BY AL EREMFEL"

2 PRINT "IT IS A 5000 EXAMPLE OF HOW SIMPLE A PROGRAM CAN" 3 PRINT "BE YET STILL BE FUNCTIONAL" 4 PRINT "THINKS AL

5 INFLY "HIT RETURN TO CONTINUE", Z BEM MILAGE COMPARISON SUBMITTED BY AL FREMER INPUT "MILES DRIVEN ". a INPUT "MILES PER GALLON ON LEADED FUEL ". B

30 INPUT "MILES PER GALLON ON UNLEADED FUEL ",C 40 INPUT "COST OF LEADED FUEL ".D 56 INFUT "COST OF UNLEADED FUEL ", E 66 Fm6/Exp

BY PRINT "CORT OF TRIE WITH LEADED FUEL 98 FRINT "FORT OF TRIP WITH UNLEADED FUEL ". G

160 H:0-F 118 PRINT "DIFFERENCE IN TOTAL COST 115 INPUT "HORE CALCULATIONS (1-YES)".K First thing is a hint from EMMEST E SMITH. He has found that you can use a comma (.) in place of the (TD) in the FOR command. Example: FOR Int TD is IS THE SAME AS FOR Int , 18

Next for those out there needing a routine to round off DOLLAR anounts here is a saal routine showing how!!!!!

90 INPUT "AMDLET =",P: RSH ENTER DOLLARS & CENTS 1.095
100 P=P6100: IF P= INT (P)>=.3 THEN P= INT (P)+1
101 P= INT (P)+P/100

118 PRINT USING "SSHERRE. BB", P

Notice that in line 110 I used the PRINT USING form to allow surpression of the trailing ZERO's.

Next I will cover the commands needed to draw in LOW RES' !!!!

Please refer to your APF BASIC Language Manual page 14 & 13, This shows all of the shapes and colors available.

 DDLOR = This defines the color to be used. The color will not change until you tesus another DDLOR command. Format = ODLOR Dolor **

2. SMARE - This certnes the shape to be used. It also will not change until another SMARE command is issued. Foreat = SMARE Shape 8

SWAFEWIS 7. PLOT - This is used to place one shape on the screen.

PIOT IM.B

4. HLIN = This one will draw a hortizontal line on the screen.
Format = HLIN Starting col W. Ending col W. Rom B

 VLIN = Here you will draw a vertical line. Format = VLIN Starting row %, Ending row %. Col % VLIN %.15.16

Here is a program to show you the basic usage of the commands. It also show how to use VARIABLES in the commands.....

19 FOR Z=8 , 15 15 SHAPE =Z: CALL 17046

15 SHAPE 021 CALL 1704 28 FGR 1=8 , 7 38 COLOR =1

48 HLIN I,31-I,1 58 HLIN I,31-I,15-I 68 VLIN I,15-I,I

78 VLIN I.I 88 NEXT I 98 NEXT Z 100 GOTO 10 DETOBER 1983 PAGE 5 PRINT "HERE IS ANOTHER BREAT GAME WRITTEN IN BASIC BY DNE OF THE"

DOLL 17866

```
PRINT "CLUB NEMBERS AND SHOWS WHAT CAN BE DONE IF YOU FUT YOUR"
  PRINT "MIND AND TIME TO IT .... "
  PAINT "THANKS FOR THE PROBRAM DANNY"
  PRINT "HIT RETURN TO CONTINUE": INPUT Z
16 REM 'MEMORY BAME BY DANNY LOUIE'
28 POLE 24578, 38: CALL 17846
38 FORE 48968,2: PORE 48961,8
   PRINT TOR GAR "M F H D R V B A M F
56 BEN
          *** YOU DON'T HAVE TO TYPE IN THE INSTRUCTIONS.
68
         *** BUT IT WILL MAKE THE PROGRAM LOOP NICER.
         *** A COLOR TV IS RECOMMENDED, BUT A B/W WORKS TOO.
   PRINT 'IN THIS GAME, THE COMPUTER WILL RANDONLY FLACH ON THE SCREEN
RH
98 PRINT "DWG OF THE NINE COLOR BOXES AND ITS NUMBER, ONE AT A YIME, YOU "
90 PRINT "YOU THEN TRY TO REFERRE THE PAY- TERM BY STRESSI'S THE CORRECT "
IBU FRINT WELL CLACH THE RDX AGAIN AND ACD ANDTHER DOX. AS THE LENGTH "
110 PRINT OF THE BOXES INCREASE, YOU WILL FIND THAT IT WILL SECOME MORE "
IIS FRINT "DIFFICULT TO REMEMBER.
                                                   FRESS RETURN.
    IF PEYS (6)--- THEN 128
   CALL 17846: FDHE 46968,2: POHE 46961.6
   PETNT TOP ISSEMENTRY RANE
                                           ". PEINT "
       ": REN IT SPACES.
135 PRINT WHEN YOU HAVE CHOSEN THE WROND BOX, YOU LOSS AND WILL BE ASLED!
    PRINT "TO PLAY ABRIN, HOMEVER, IF YOU HAVE SUCCESSFULLY REPEATED THE "
    PRINT "PATTERN GIVEN BY THE COMPUTER AT 15 BOXES DEFORE YOU ARE DE- "
150 PRINT FRATES, YOU GET A "EXTRA LIFE." NITH THIS HELPFUL FRATURE, YOU "
   PRINT "DET ANOTHER CHANCE TO FINISH UP THE PATTERN, YOU WIN WHEN YOU "
155
166 PRINT "HAVE COMPLETED ALL 48 BOXES' ! " !"
                                                   FREED RETURNS
   IF PEV1 (0)="" THEN 176
    COLL 17846: PDYE 40968.2: PDYE 48961.6
188
    PRINT TOP (6):"NEMORY BAME
198
    REM
           *** RED DOX ***
    FOR 14867 TO 872: POLE 1.179: NEXT
    FOR 19985 TO 969 STEF 32: PORE 1,191: NEXT
216 FOR TW1660 TO 995 STEP -1: POME I.188: NEXT
    FOR Lagar To age STEP -32: POLE 1,191: NEXT
    BOSUB 76%
    REM *** BLUE BOX ***
    FOR J=877 TO COC: PORE 1,163: NEXT
    FOR 1=915 TO 979 STEP 32: POPE 1,175: NEXT
   FOR INTRIG TO 1605 STEP -1: POYE 1,172: NEXT
    FOR 1×972 TO 908 STEP -32: POKE I,175: NEXT
288
    BOSUR 708
    SEM *** OCHO BOX ***
30% FOR 1-807 TO 890: POKE 1,211: NEXT
```

310 FOR 1=925 TO 989 STEP 32: PORE 1,223: NEXT 715 FOR 1-1806 TO 1815 STEP -1: PORE 1,278: NEXT 328 FOR 18982 TO 918 STEP -32: POPE 1,223: NEXT TON BEH *** VELLOW POX *** 368 FOR 1=787 TO 712: POKE 1-147: NEXT 365 FOR 1=745 TO 869 STEP 32: POFE 1,159: NEXT 370 FOR 1-840 TO 805 STEP -1: POKE 1,156: MEXT

ER 1987 PAGE 5

FOR 1:882 TO 738 STEP -32: POME 1,159: NEXT

*** WHITE BOX ***

00000 85%

REM **** GREEN BOY ***
FOR 1-75 TO 87-9 FOR 1.131: NEXT
FOR 1-75 TO 819 9 FOR 1.141: NEXT
FOR 1-85 TO 849 9 FOR 1.142: NEXT
FOR 1-85 TO 845 9 FOR 1.944: NEXT
FOR 1-812 TO 739 9 FOR 1.143: NEXT

DOW

```
455 FOR 1=727 TO 7321 FORE 1,195: NEXT
468 FOR 1=765 TO 829 STEP 32: POKE 1,287: NEXT
    FOR I-960 TO BES STEP -1: FORE I.384: NEXT
    FOR 1-822 TO 758 STEP -32: PORE 1.087: MEXT
198 00809 958
SAN BEM *** PURPLE BOX ***
045 FOR 19547 TO 050: PORE 1,007: NEXT
518 FOR 1=585 TO 649 STEP 32: POKE 1,239: NEXT
    FOR 1=688 TO 675 STEP -1: POME 1,236: NEXT
324 FOR 1=642 TO 578 STEP -32: POKE 1,239: NEXT
           *** ADUA BOX ***
    FOR 1-557 TO 542: PORE 1,211: NEXT
TAU FOR 1=595 TO 459 STEP 32: PDKE 1,223: NEXT
565 FOR 1=690 TO 685 STEP -1: PONE 1,000: NEXT
    FOR 1=652 TO 589 STEP -32: PORE 1,223: NEXT
SBR GOSUB 1858
    REM
           *** DRANGE BOY ***
685 FOR 19567 TO 570; FORF 1,240; SEXT
A10 TOR THACK TO AAR STEP 32: FOVE 1,255: NEXT
615 FOR T=700 TO 695 STEP -1: PORE 1,252: NEXT
    TOR 1-662 TO 578 STEP -32: PORE 1,355: NEXT
ASS MUSTC 1
               10/20/2017
                             50*16090":X=190: 80808 1150: 00TO 1200
729 - ACUA '1' - RED CENTER
     POKE 788, 128: POKE 981, 228: POKE 982, 218: POKE 983, 128
    THE 702,128: TO E 977,128: PONE 974,218: PONE 978,128
    "CHE 764, 209: FORE 765, 211: PORT 966, 219: PORE 767, 211
     DUSIC "108": X-25: 009UB 1156
     ULIN 3.8.174 HLIN 7.8.14
150 + DRANGE '2' - BLUE DENTER
     POLE 918,241: POKE 911,252: POKE 912,252: POKE 913,242
     PONE 942,128: PONE 943,243: PONE 944,243: PONE 945,248
     PORE 974,245; PORE 975,243; PORE 976,243; PORE 977,242
     MUSIC "200": GOSUB 1150
     COLOR #2: HLIN 17,18,12
780 HLIN 13,18,13: HLIN 17,18.14
     · VELLIAM '7" - ACHA CENTER
     PORE 928.148: POKE 921,156: POKE 922,156: POKE 727,146
205
     POKE 952, 128: POHE 953, 156: POKE 954, 156: POKE 955, 146
```

FORE 984,145; POKE 985,147; POKE 986,147; PORE 987,152

MUSIC "300": GOSUB 1150

DCTOBER 1983 PAGE 7

838 HLIN 23,28,13; HLIN 23,28,14 835 CDLGR =0; HLIN 23,28,12 840 RETURN

1288 DIM (5(1),5(48) 1218 No.1 (Tobje Kodi SEM

1258 ARM ADD NEW BOX

```
856 : BREEN '4" - YELLOW CENTER
855 POLE 746, 133; POLE 741, 128; POLE 742, 129; POLE 743, 128
868 FORE 772,133; PORE 773,131; PORE 774,135; FORE 775,138
865 POKE 884, 128: POKE 885, 128: POKE 886, 133: POKE 887, 128
876 MISTO "466" + 608UB 1156
875 COLOR =1: HLIN 3,8,7
    HLIN 3.8.8: HLIN 3.8.9
898 RETURN
988 | WHITE 'S' - GREEN CENTER
985 POKE 758, 1971 POKE 751, 2841 FOKE 752, 2841 POKE 753, 288
918 POKE 782,196: POKE 783,284: POKE 784,284: POKE 785,194
915 POKE 814, 193; POKE 815, 195; POKE 816, 195; POKE 817, 200
926 MUSIC "566": GOSUB 1156
925 COLOR WOW HLTN 13,18,7
930 HLIN 13, 18, 8; HLIN 13, 18, 9
940 RETURN
956 : PURPLE '6' - WHITE CENTER
955 POKE 768, 128: FOKE 761, 258: POKE 762, 256: POKE 763, 128
968 PONE 792,229; POKE 793,225; POKE 794,236; PONE 795,226
965 PORE 824,228; FORE 825,235; PORE 826,227; PORE 827,232
970 MUSIC "600": GOSUB 1150
975 COLOR =4: HLIN 23,28,7
988 HLIN 23,28,8: HLIN 23,28,9
990 RETURN
1885 FORE 588, 244: POKE 581, 252: POKE 582, 250: POKE 582, 258
1818 PDVE 612, 128; PDVE 613, 128; PDVE 614, 246; PDVE 615, 128
1815 FOLE 644, 128; FOLE 645, 246; POLE 646, 128; FOLE 647, 128
1828 MUSIC "788": BOSUB 1158
1825 COLDR =6: HLIN 3.8.2
1838 HLIN J.B. 3: HLIN J.B. 4
1846 RETURN
105%
     : RED '8 - AQUA CENTER
1855 PORE 590 177: PORE 591,188: PORE 592,188: PORE 593,178
1868 FORE 622,177; PORE 623,188; PORE 624,188; PORE 625,178
1865 FORE 654, 188; POPE 655, 179; FORE 656, 179; FORE 657, 184
1878 MUSTC "#188": GOSUB 1158
1896 COLOR -5: HLIN 13,18,2
1885 HLIN 10,18,3: HLIN 10,18,4
1696 RETURN
1100 : BLUE '9' - DRANGE CENTER
1185 POKE 600, 161: FOKE 601, 172: POKE 602, 172: POKE 603, 162
1110 POFF 632 164: POFF 632 163: POFF 634 163: POFF 625 170
1115 FOFF 664, 128; FORE 665, 128; FORE 666, 128; FORE 667, 176
1138 MUSIC "#788": 805UB 1150
1125 COLDE +7: HLIN 23,28,2
1158 HLIN 23, 28, 3; HLIN 23, 28, 4
1148 RETURN
1150 FOR I-0 TO X: NEXT I: RETURN
```

EXHEXTRA CHANCE

1255 IF THAN THEN TAKEN 1270 SIND - INT (BND (6) x9+1) IF S(N) = S(N-1) THEN 1270 1700 REM START PATTERN 1310 FOR N=1 TO T: BCBUR 1500: NEXT N 17963 CORY PATTERN R7N DOD Not TO TAXAB 1378 HS- KEYS (2):X=X+1: IF X=48 THEN 1468 1388 IF Han" THEN 1378 IF ASC (F/8) - 481 - S(N) THEN 1458 14/90 PEM PIGHT BOX 1428 IF THIS THEN EXHL: GOSUB SURE: GOTO 1250 1978 CALL 17889: 00TO 1258 LAME DOWN DECIME NOTE 1475 SUB=S(N):S(N): ASC (F#)-48; ROSER 1588

PASE &

OCTOBER 1983

1466 POKE 640,128: POKE 672,128: POKE 764,128: POKE 736,128 1465 PDKE 769,128: POKE 800,128: POKE 832,128 1478 MUBIC "- #77-#77-#77-#77-#77-#77-#77-#77"

(F EX=1 THEN EX=0:X+50: GOSUB 1150:S(N) +SUB: DOTG 1500 1400 NoT: NEXT No PORE 46940.2: PORE 46941.0: INPUT "MAN1 9NOTHER CHARGE (VESS)

1490 IF A=1 THEN LAGS

: STOP

1500 REM SUBROUTINE TO DISPLAY POXES (518 CN G(N) SOTO 700,750,900,850,900,750,1008,1050,1188

14-00 PORT 40940. 2: PORT 50941. 8: PRINT TAB (6): "ME HORY BANE

2000 REM EXTRA CHANCE POLITINE 2710 FORE 649,1961 PORE 672,691 PORE 784,99: PORE 775,04: FORE 768,82: PORE 880 . 65: POME BT2. 166

2728 MUSIC "Jedgenggesete465696": RETURN THE FAST IS FOR THOSE WHO SUCCESSFULLY REPEATED ALL 40 BOXES!!!! CONGRATULATIONS:

TWIS FOR INS TO US: SHAPE HIS: COLOR - I TOTAL MILIN O. TI. I: CALL 17074: NEXT I THITC COLL 1753AN FOLE MISAN, C. POPE MISAL, C

TOAR PRINT : PRINT : PRINT / PRINT 2000 PRINT " COMBRATULATIONS !!! YOU ARE ONE OF THE VERY FEW WHO HAS 7/04/01 PRINT "MADE IT THIS FAR (UNLESS YOU - HAD THE PATTERN WRITTEN DOWN'!) " YOUR BRAINS TO SC

D878 PRINT : PRINT : PRINT " P.S. - MAYBE YOU COULD SEND

TOBS: FRINT : PRINT "TO PLAY ABAIN, TYPE IN 'AUN', ": END

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```
DIM H3(1).NA$(2,20).NULL*(26): BOTO 766
   PULE 24578, 38
TIME EDGE POLE 449A6 2
4 SHAPE =15: COLOR =2
6 HLIN 8,31,1: HLIN 8,31,7: VLIN 1,15,8: VLIN 1,15:31
10 B= INT ( RND (1)*32): IF B=0 THEN B=1
  IF B=31 THEN B=30
```

12 POHE 968+8,255 15 A=57A+31+B=57A+A4

REM "SEE END DE PROGRAM LISTING"

17 PORE A. 159: PORE B. 159 18 A=A-1:9=B+1: IF KEY# (2)<*** THEN 188

19 IF FLAG=1 THEN 189 25 IF A-S75 THEN A-S76+31:B-576+64

26 TIME=TIME-, 13:0= INT (TIME): PD/E 48961, 16: PRINT "TIME = ":0 TE TIMECHO THEN AGO

30 IF YEYS (1) "" THEN PORE 40960.0: STOP 35 POKE A. 124: POKE B. 126

50 GOTO 17 180 IF KEY# (2)<>"" THEN 188 181 FLAB=1

185 X=B+32: POKE X,42: POKE X,159 109 POKE X, 159 110 X=X+32:P= PEEK (X): IF P=255 THEN 280

111 1F X 1809 THEN FLAG-8: FOLE X-32.159: CALL 17805: CALL 17805: CALL 17835 112 CALL 17005

116 IF POVISY THEN PONE X,159: FORE X+32,42: PONE X+32,159:FLAG-8: CALL 17838: 8070 25

128 SOTO 25 288 FLAC-8 205 FOLE X, 198

218 CALL 17889: CALL 17884: CALL 17884 22# PORE 4#96#, 2: FORE 4#961, #: PRINT "SCORE = ":GC ors core a

408 MISTO "757575757575757575" 495 IF SC HS(1) THEN DOM 418 NA4 (2.8) -NELLS: SOTO 788 568 HS(1) =SC:NA*(1,8) =NULL*:NA*(1,8) =NA*(2,8):NA*(2,8)=NULL*

788 COLL 17886: POSE 88968-2: PRINT "R D M R S 781 PRINT + PRINT + PRINT "HIGH SCORER IS"

702 PRINT : PRINT NA\$(1,0), "SCORE= ":HS(1) 787 SCu8 784 FOR J=0 TO 19:NULL#(J)="": NEXT J MUSIC "/7 2 2 1 /7 /6 /7 1 +1 2 3 5 5 709 PRINT: INPUT "ENTER NAME", NAS (2,6)

718 CALL 17895: PRINT "USE # 2 JOYSTICK TO DROP BOMB" 71S FOR I=1 TO 300% NEXT I COLOR -1: SHORE -15 FOR I=0 TO 15: HLIN 0.31.I: NEXT I

ROTO 2 "TO WHOM EVER IT IS"

REM

"HERE IS A GOOD PROSPAN FOR THE BEGINNER OR THE EXPERT" "PROGRAMMER TO PLAY WITH, SEE WHAT YOU CAN DO WITH IT." REM "I AM BORRY BUT DUE TO A SLIP UP IN THE BOOKKEEPING I" REM "CAN'T FIND THE NAME OF THE AUTHOR, SO THANKS A LOT"

OUTOBER 1983 PAGE 16 "HERE IS A PROGRAM SUBMITTED BY CHUCK CLANCY WHICH"

HEN "YOU SHOULD HAVE FUN MITH." 5 FORE 24578, 38: CALL 17846: GDTO 486

1 REM

18 INPUT A

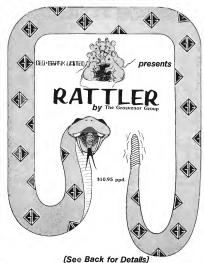
```
DO INPUT B
TAPUT C
40 D= INT (A/256)
50 E=A-(D*256)
48 POKE 188.D: POKE 181.E
90 POKE 102, B
120 POFE 184,C
130 FOR I=1 TO 15; CALL 49866; PORE 50.0; NEXT I
146 GOTG 16
498 FRINT "SOUND BENERATOR TIMER"
491
    PRINT : PRINT "ENTER THREE VALUES TO SET LODPS"
    PRINT "VALUE 1 CAN BE UP TO 65535, BUT"
    PRINT "THAT WILL TAKE ALL DAY TO BUN"
    PRINT "1000 IS A BETTER TOP END"
    PRINT : PRINT "2 % 3 SET TO 255 MAX"
488
486 PRINT "THE MACHINE ROUTINE IS IN DATA"
487 PRINT "STMTS LOADED TO MEM AT 48666"
409 PRINT "AND CALLED IN A LOOP"
AND PRINT "SPACE RESERVED IN PROGRAM FOR"
410 PRINT "AN EXTRA SCUTINE TO SHIFT THE"
411 PRINT "COUNTS IN LOCTUS 188-185"
113 PRINT "PRESS RIN"
    [F | NEV$ (3) *** THEN 415
108 TO HEVE TOUCHER THEN 400
    CALL 17646
425 POKE 46968, 2: POKE 48961, 576
426 PRINT "L D A D I N B
145 READ A: PORE 1.A
105 CALL 17846
143 MISIC "757575"
445 6010 18
TWW DATA 15,182,70,7,106,8,183,32,3,14,57,124,8,58,254,8,108,9,148,8,8,08,258,5
595 PATA 102,74,129,0,38,251,57,246,0,104,90,193,0,238,251,57,182,0,50,129,255,
510 DATA 0.48.57.1.1.1.1.1.1.1.1.1.57.1.1.57.141.188.182.0.50.129.255.39.20.141
.190,1.141,176,141,198
SIS DATA 141,172,141,283,141,168,126,187,194,1,1,1,1,1,1,1,1,1,57
```

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Screenwriter * by Keith Phillips

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